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**Toimela**

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(54) **APPARATUS AND METHOD FOR GENERATING DENTAL PANORAMIC IMAGES**

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See application file for complete search history.

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(57) **ABSTRACT**

The invention generally relates to generating digital dental panoramic images from multiple frame images acquired during a dental panoramic imaging scan about a patient's head. This generating includes using information of location and orientation of the x-ray beam and the x-ray detector at times when taking the frames in the procedure of summing information of the frames.

**22 Claims, 6 Drawing Sheets**

